GenCore version 4.5
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OM protein - protein search, using sw model

Run on: December 10, 2001, 15:23:39 ; Search time 12.51 Seconds
(without alignments)
124.119 Million cell updates/sec

Title: US-09-467-160-3_COPY_5_73
Perfect score: 360
Sequence: 1 TELRCQCLQTLQGIHLKNIQ.....PASPMVKKIIEKMLKNGKSN 69

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	360	100.0	73	1	US-07-792-988-3	Sequence 3, Appli
2	360	100.0	73	1	US-07-778-413E-19	Sequence 19, Appl
3	360	100.0	73	1	US-08-340-102-19	Sequence 19, Appl
4	360	100.0	73	2	US-08-436-420-27	Sequence 27, Appl
5	360	100.0	73	3	US-08-846-966-3	Sequence 3, Appli
6	360	100.0	73	3	US-08-557-142-3	Sequence 3, Appli
7	360	100.0	73	5	PCT-US94-06264-3	Sequence 3, Appli
8	360	100.0	107	1	US-08-352-324A-4	Sequence 4, Appli
9	360	100.0	107	2	US-08-862-607-4	Sequence 4, Appli
10	360	100.0	107	2	US-08-468-819-6	Sequence 6, Appli
11	360	100.0	107	3	US-09-203-235-4	Sequence 4, Appli
12	360	100.0	107	5	PCT-US95-16144-4	Sequence 4, Appli
13	348	96.7	73	1	US-08-330-163-3	Sequence 3, Appli
14	348	96.7	73	1	US-08-482-111-3	Sequence 3, Appli
15	323	89.7	73	1	US-07-778-413E-18	Sequence 18, Appl
16	323	89.7	73	1	US-08-340-102-18	Sequence 18, Appl
17	323	89.7	73	1	US-08-330-163-2	Sequence 2, Appli
18	323	89.7	73	1	US-08-482-111-2	Sequence 2, Appli
19	323	89.7	73	2	US-08-436-420-26	Sequence 26, Appl
20	323	89.7	73	3	US-08-846-966-2	Sequence 2, Appli
21	323	89.7	73	3	US-08-557-142-2	Sequence 2, Appli
22	323	89.7	73	5	PCT-US94-06264-2	Sequence 2, Appli
23	323	89.7	107	1	US-08-352-324A-7	Sequence 7, Appli
24	323	89.7	107	2	US-08-862-607-7	Sequence 7, Appli
25	323	89.7	107	2	US-08-468-819-5	Sequence 5, Appli
26	323	89.7	107	3	US-09-203-235-7	Sequence 7, Appli
27	323	89.7	107	5	PCT-US95-16144-7	Sequence 7, Appli
28	321	89.2	73	1	US-07-792-988-4	Sequence 4, Appli
29	321	89.2	73	1	US-07-778-413E-20	Sequence 20, Appl
30	321	89.2	73	1	US-08-340-102-20	Sequence 20, Appl
31	321	89.2	73	1	US-08-330-163-4	Sequence 4, Appli
32	321	89.2	73	1	US-08-482-111-4	Sequence 4, Appli
33	321	89.2	73	2	US-08-436-420-28	Sequence 28, Appl
34	321	89.2	73	3	US-08-846-966-4	Sequence 4, Appli
35	321	89.2	73	3	US-08-557-142-4	Sequence 4, Appli
36	321	89.2	73	5	PCT-US94-06264-4	Sequence 4, Appli
37	321	89.2	106	1	US-08-352-324A-5	Sequence 5, Appli
38	321	89.2	106	2	US-08-862-607-5	Sequence 5, Appli
39	321	89.2	106	2	US-08-468-819-7	Sequence 7, Appli
40	321	89.2	106	3	US-09-203-235-5	Sequence 5, Appli
41	321	89.2	106	5	PCT-US95-16144-5	Sequence 5, Appli
42	308.5	85.7	106	4	US-08-679-493A-148	Sequence 148, App
43	280	77.8	78	2	US-08-436-420-38	Sequence 38, Appl
44	268	74.4	72	2	US-08-436-420-39	Sequence 39, Appl
45	268	74.4	96	4	US-08-679-493A-147	Sequence 147, App

ALIGNMENTS

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RESULT 1
US-07-792-988-3
; Sequence 3, Application US/07792988
; Patent No. 5306709
; GENERAL INFORMATION:
;   APPLICANT: Gewirtz, Alan M.
;   TITLE OF INVENTION: Suppression of megakaryo-
;   TITLE OF INVENTION: cytopoiesis by macrophage inflammatory proteins
;   NUMBER OF SEQUENCES: 4
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: University of Pennsylvania
;     STREET: Suite 419
;     STREET: 133 South 36th Street
;     CITY: Philadelphia
;     STATE: Pennsylvania
;     COUNTRY: U.S.A.
;     ZIP: 19104-3246
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
;     COMPUTER: IBM PS/2
;     OPERATING SYSTEM: MS-DOS
;     SOFTWARE: WordPerfect 5.1
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/07/792,988
;     FILING DATE: 19911115
;     CLASSIFICATION: 514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:
;     FILING DATE:
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Monaco, Daniel A.
;     REGISTRATION NUMBER: 30,480
;     REFERENCE/DOCKET NUMBER: 6056-159
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (215) 568-8383
;     TELEFAX: (215) 568-5549
;     TELEX: No. 5306709e
; INFORMATION FOR SEQ ID NO: 3:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 73 amino acids
;     TYPE: AMINO ACID
;     STRANDEDNESS: single stranded
;     TOPOLOGY: linear
US-07-792-988-3


  Query Match           100.0%;  Score 360;  DB 1;  Length 73;
  Best Local Similarity  100.0%;  Pred. No. 2e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy     61 KMLKNGKSN 69
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Db     65 KMLKNGKSN 73


RESULT   2
US-07-778-413E-19
; Sequence 19, Application US/07778413E
; Patent No. 5401651
;  GENERAL INFORMATION:
;    APPLICANT:  Walz, Alfred
;    TITLE OF INVENTION:  No. 5401651el Neutrophil
;    TITLE OF INVENTION:  Activating Factors
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  Amgen Center
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.5 in., DS, 2.0 MB
;      COMPUTER:  Apple Macintosh
;      OPERATING SYSTEM:  Macintosh OS 7.0
;      SOFTWARE:  Microsoft Word Version 5.1a
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/778,413E
;      FILING DATE:  16-OCT-1991
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Cook, Robert R.
;      REGISTRATION NUMBER:  31602
;      REFERENCE/DOCKET NUMBER:  A-204
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (805) 499-5725 EXTENSION 4955
;      TELEFAX:  (805) 499-8011
;  INFORMATION FOR SEQ ID NO:  19:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-07-778-413E-19


  Query Match           100.0%;  Score 360;  DB 1;  Length 73;
  Best Local Similarity  100.0%;  Pred. No. 2e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db      5 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 64

Qy     61 KMLKNGKSN 69
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Db     65 KMLKNGKSN 73


RESULT   3
US-08-340-102-19
; Sequence 19, Application US/08340102
; Patent No. 5591718
;  GENERAL INFORMATION:
;    APPLICANT:  Walz, Alfred
;    TITLE OF INVENTION:  No. 5591718el Neutrophil
;    TITLE OF INVENTION:  Activating Factors
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  Amgen Center
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.5 in., DS, 1.4 MB
;      COMPUTER:  MS-DOS
;      OPERATING SYSTEM:  MS-DOS 6.22
;      SOFTWARE:  Microsoft Word Version 5.1a for
;      SOFTWARE:  Macintosh
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/340,102
;      FILING DATE:  15-NOV-1994
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Cook, Robert R.
;      REGISTRATION NUMBER:  31602
;      REFERENCE/DOCKET NUMBER:  A-204A
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (805) 499-5725 EXTENSION 4955
;      TELEFAX:  (805) 499-8011
;  INFORMATION FOR SEQ ID NO:  19:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-340-102-19


  Query Match           100.0%;  Score 360;  DB 1;  Length 73;
  Best Local Similarity  100.0%;  Pred. No. 2e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db      5 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 64

Qy     61 KMLKNGKSN 69
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Db     65 KMLKNGKSN 73


RESULT   4
US-08-436-420-27
; Sequence 27, Application US/08436420
; Patent No. 5840524
;  GENERAL INFORMATION:
;    APPLICANT:  VAN DAMME, Jo; and
;    APPLICANT:  PROOST, Paul
;    TITLE OF INVENTION:  GRANULOCYTE CHEMOTACTIC PROTEIN
;    NUMBER OF SEQUENCES:  45
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HALE and DORR LLP
;      STREET:  1455 PENNSYLVANIA AVENUE, N.W.
;      CITY:  WASHINGTON
;      STATE:  DISTRICT OF COLUMBIA
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/436,420
;      FILING DATE:  24-MAY-1995
;      CLASSIFICATION:  530
;    PRIOR APPLICATION DATA:
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;      APPLICATION NUMBER:  PCT/EP93/03330
;      FILING DATE:  26-NOV-1993
;      CLASSIFICATION:  530
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/982,539
;      FILING DATE:  27-NOV-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BAKER, Hollie L.
;      REGISTRATION NUMBER:  31,321
;      REFERENCE/DOCKET NUMBER:  102378.215
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 942-8400
;      TELEFAX:  (202) 942-8484
;  INFORMATION FOR SEQ ID NO:  27:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-436-420-27


  Query Match           100.0%;  Score 360;  DB 2;  Length 73;
  Best Local Similarity  100.0%;  Pred. No. 2e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db      5 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 64

Qy     61 KMLKNGKSN 69
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Db     65 KMLKNGKSN 73


RESULT   5
US-08-846-966-3
; Sequence 3, Application US/08846966
; Patent No. 6042821
;  GENERAL INFORMATION:
;    APPLICANT:  SmithKline Beecham Corporation
;    APPLICANT:  DeMarsh, Peter L.
;    APPLICANT:  Johanson, Kyung O.
;    TITLE OF INVENTION:  Method of Treating Sepsis
;    NUMBER OF SEQUENCES:  4
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  SmithKline Beecham Corporation - Corporate Patents
;      STREET:  709 Swedeland Road
;      CITY:  King of Prussia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  19406-2799
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/846,966
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/007,425
;      FILING DATE:  21-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Hall, Linda E.
;      REGISTRATION NUMBER:  31,763
;      REFERENCE/DOCKET NUMBER:  P50417-1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  610-270-5016
;      TELEFAX:  610-270-5090
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
US-08-846-966-3


  Query Match           100.0%;  Score 360;  DB 3;  Length 73;
  Best Local Similarity  100.0%;  Pred. No. 2e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Qy     61 KMLKNGKSN 69
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Db     65 KMLKNGKSN 73


RESULT   6
US-08-557-142-3
; Sequence 3, Application US/08557142
; Patent No. 6080398
;  GENERAL INFORMATION:
;    APPLICANT:  Pelus, Louis M
;    APPLICANT:  Bhatnagar, Pradip K
;    APPLICANT:  King, Andrew G
;    APPLICANT:  Balcarek, Joanna M
;    TITLE OF INVENTION:  Methods of Enhancing Bioactivity of
;    TITLE OF INVENTION:  Chemokines
;    NUMBER OF SEQUENCES:  29
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  SmithKline Beecham Corporation -
;      ADDRESSEE:  Corporate Patents
;      STREET:  709 Swedeland Road
;      CITY:  King of Prussia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  19406-2799
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/557,142
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/073,800
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Hall, Linda E.
;      REGISTRATION NUMBER:  31,763
;      REFERENCE/DOCKET NUMBER:  SBCP50161
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  215-270-5015
;      TELEFAX:  215-270-5090
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
US-08-557-142-3


  Query Match           100.0%;  Score 360;  DB 3;  Length 73;
  Best Local Similarity  100.0%;  Pred. No. 2e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy     61 KMLKNGKSN 69
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Db     65 KMLKNGKSN 73


RESULT   7
PCT-US94-06264-3
; Sequence 3, Application PC/TUS9406264
;  GENERAL INFORMATION:
;    APPLICANT:  Pelus, Louis M
;    APPLICANT:  Bhatnagar, Pradip K
;    APPLICANT:  King, Andrew G
;    APPLICANT:  Balcarek, Joanna M
;    TITLE OF INVENTION:  Methods of Enhancing Bioactivity of
;    TITLE OF INVENTION:  Chemokines
;    NUMBER OF SEQUENCES:  29
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  SmithKline Beecham Corporation  Corporate
;      ADDRESSEE:  Patents
;      STREET:  709 Swedeland Road
;      CITY:  King of Prussia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  194062799
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PCDOS/MSDOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US94/06264
;      FILING DATE:
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Hall, Linda E.
;      REGISTRATION NUMBER:  31,763
;      REFERENCE/DOCKET NUMBER:  SBC P50161
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  215-270-5015
;      TELEFAX:  215-270-5090
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;  US-US94-06264-3


  Query Match             100.0%;  Score 360;  DB 5;  Length 73;
  Best Local Similarity   100.0%;  Pred. No. 2e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
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Db     65 KMLKNGKSN 73


RESULT   8
US-08-352-324A-4
; Sequence 4, Application US/08352324A
; Patent No. 5633149
;  GENERAL INFORMATION:
;    APPLICANT:  Guegler, Karl J.
;    APPLICANT:  Hawkins, Phillip R.
;    APPLICANT:  Wilde, Craig G.
;    APPLICANT:  Seilhamer, Jeffrey J.
;    TITLE OF INVENTION:  A NOVEL CHEMOKINE EXPRESSED IN
;    TITLE OF INVENTION:  INFLAMED ADENOID, ITS PRODUCTION AND USES
;    NUMBER OF SEQUENCES:  9
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Incyte Pharmaceuticals, Inc.
;      STREET:  3174 Porter Drive
;      CITY:  Palo Alto
;      STATE:  CA
;      COUNTRY:  US
;      ZIP:  94304
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 1.5
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/352,324A
;      FILING DATE:  07-DEC-1994
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Luther, Barbara J.
;      REGISTRATION NUMBER:  33,954
;      REFERENCE/DOCKET NUMBER:  PF-0025 US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-855-0555
;      TELEFAX:  415-852-0195
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  107 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-352-324A-4


  Query Match             100.0%;  Score 360;  DB 1;  Length 107;
  Best Local Similarity   100.0%;  Pred. No. 3.1e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     39 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 98

Qy     61 KMLKNGKSN 69
          |||||||||
Db     99 KMLKNGKSN 107


RESULT   9
US-08-862-607-4
; Sequence 4, Application US/08862607
; Patent No. 5844084
;  GENERAL INFORMATION:
;    APPLICANT:  Guegler, Karl J.
;    APPLICANT:  Hawkins, Phillip R.
;    APPLICANT:  Wilde, Craig G.
;    APPLICANT:  Seilhamer, Jeffrey J.
;    TITLE OF INVENTION:  A NOVEL CHEMOKINE EXPRESSED IN
;    TITLE OF INVENTION:  INFLAMED ADENOID, ITS PRODUCTION AND USES
;    NUMBER OF SEQUENCES:  9
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Incyte Pharmaceuticals, Inc.
;      STREET:  3174 Porter Drive
;      CITY:  Palo Alto
;      STATE:  CA
;      COUNTRY:  US
;      ZIP:  94304
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
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;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 1.5
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/862,607
;      FILING DATE:  23-MAY-1997
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/352,324
;      FILING DATE:  07-DEC-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Luther, Barbara J.
;      REGISTRATION NUMBER:  33,954
;      REFERENCE/DOCKET NUMBER:  PF-0025 US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-855-0555
;      TELEFAX:  415-852-0195
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  107 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-862-607-4


  Query Match             100.0%;  Score 360;  DB 2;  Length 107;
  Best Local Similarity   100.0%;  Pred. No. 3.1e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      39 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 98

Qy      61 KMLKNGKSN 69
           |||||||||
Db      99 KMLKNGKSN 107


RESULT  10
US-08-468-819-6
; Sequence 6, Application US/08468819
; Patent No. 5871723
;  GENERAL INFORMATION:
;    APPLICANT:  Strieter, Robert M.
;    APPLICANT:  Polverini, Peter J.
;    APPLICANT:  Kunkel, Steven L.
;    TITLE OF INVENTION:  CXC Chemokines as Regulators of
;    TITLE OF INVENTION:  Angiogenesis
;    NUMBER OF SEQUENCES:  93
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Arnold, White & Durkee
;      STREET:  P.O. Box 4433
;      CITY:  Houston
;      STATE:  TX
;      COUNTRY:  US
;      ZIP:  77210
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/468,819
;      FILING DATE:  Concurrently herewith
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Highlander, Steven L.
;      REGISTRATION NUMBER:  37,642
;      REFERENCE/DOCKET NUMBER:  UMIC:003/HYL
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  512/418-3000
;      TELEFAX:  512/474-7477
;      TELEX:  N/A
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  107 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-468-819-6


  Query Match             100.0%;  Score 360;  DB 2;  Length 107;
  Best Local Similarity   100.0%;  Pred. No. 3.1e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      39 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 98

Qy      61 KMLKNGKSN 69
           |||||||||
Db      99 KMLKNGKSN 107


RESULT  11
US-09-203-235-4
; Sequence 4, Application US/09203235
; Patent No. 6071701
;  GENERAL INFORMATION:
;    APPLICANT:  Guegler, Karl J.
;    APPLICANT:  Hawkins, Phillip R.
;    APPLICANT:  Wilde, Craig G.
;    APPLICANT:  Seilhamer, Jeffrey J.
;    TITLE OF INVENTION:  A NOVEL CHEMOKINE EXPRESSED IN
;    TITLE OF INVENTION:  INFLAMED ADENOID, ITS PRODUCTION AND USES
;    NUMBER OF SEQUENCES:  9
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Incyte Pharmaceuticals, Inc.
;      STREET:  3174 Porter Drive
;      CITY:  Palo Alto
;      STATE:  CA
;      COUNTRY:  US
;      ZIP:  94304
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 1.5
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/203,235
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/862,607
;      FILING DATE:  23-MAY-1997
;      APPLICATION NUMBER:  08/352,324
;      FILING DATE:  07-DEC-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Luther, Barbara J.
;      REGISTRATION NUMBER:  33,954
;      REFERENCE/DOCKET NUMBER:  PF-0025 US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-855-0555
;      TELEFAX:  415-852-0195
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  107 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-09-203-235-4
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  Query Match           100.0%;  Score 360;  DB 3;  Length 107;
  Best Local Similarity  100.0%;  Pred. No. 3.1e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     39 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 98

Qy     61 KMLKNGKSN 69
          |||||||||
Db     99 KMLKNGKSN 107


RESULT  12
PCT-US95-16144-4
; Sequence 4, Application PC/TUS9516144
;  GENERAL INFORMATION:
;    APPLICANT:  INCYTE PHARMACEUTICALS, INC.
;    TITLE OF INVENTION:  A NOVEL CHEMOKINE EXPRESSED IN INFLAMED
;    TITLE OF INVENTION:  ADENOID, ITS PRODUCTION AND USES
;    NUMBER OF SEQUENCES:  9
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  INCYTE PHARMACEUTICALS, INC.
;      STREET:  3174 Porter Drive
;      CITY:  Palo Alto
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  94304
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  WordPefect 6.1/MS-DOS 6.2
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/16144
;      FILING DATE:  07-DEC-1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/352,324
;      FILING DATE:  07-DEC-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  LUTHER, BARBARA J.
;      REGISTRATION NUMBER:  33954
;      REFERENCE/DOCKET NUMBER:  PF-0025 PCT
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-855-0555
;      TELEFAX:  415-852-0195
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  107 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT-US95-16144-4


  Query Match           100.0%;  Score 360;  DB 5;  Length 107;
  Best Local Similarity  100.0%;  Pred. No. 3.1e-38;
  Matches   69;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     39 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 98

Qy     61 KMLKNGKSN 69
          |||||||||
Db     99 KMLKNGKSN 107


RESULT  13
US-08-330-163-3
; Sequence 3, Application US/08330163
; Patent No. 5656724
;  GENERAL INFORMATION:
;    APPLICANT:  Daly, Thomas J.
;    APPLICANT:  LaRosa, Gregory J.
;    TITLE OF INVENTION:  Chemokine-Like Proteins and Methods of
;    TITLE OF INVENTION:  Use
;    NUMBER OF SEQUENCES:  46
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  U.S.A.
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30B
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/330,163
;      FILING DATE:  05-AUG-1994
;      CLASSIFICATION:  530
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Fasse, J. Peter
;      REGISTRATION NUMBER:  32,983
;      REFERENCE/DOCKET NUMBER:  00231/080001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617) 542-5070
;      TELEFAX:  (617) 542-8906
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-330-163-3


  Query Match           96.7%;  Score 348;  DB 1;  Length 73;
  Best Local Similarity  97.1%;  Pred. No. 6.4e-37;
  Matches   67;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
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Db      5 TELRCQCLQTLQGIHLKNIQSVNVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 64

Qy     61 KMLKNGKSN 69
          || ||||||
Db     65 KMEKNGKSN 73


RESULT  14
US-08-482-111-3
; Sequence 3, Application US/08482111
; Patent No. 5789539
;  GENERAL INFORMATION:
;    APPLICANT:  Daly, Thomas J.
;    APPLICANT:  LaRosa, Gregory J.
;    TITLE OF INVENTION:  Chemokine-Like Proteins and Methods of
;    TITLE OF INVENTION:  Use
;    NUMBER OF SEQUENCES:  70
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  U.S.A.
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
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;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30B
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/482,111
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Fasse, J. Peter
;      REGISTRATION NUMBER:  32,983
;      REFERENCE/DOCKET NUMBER:  00231/083001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617) 542-5070
;      TELEFAX:  (617) 542-8906
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-482-111-3


  Query Match             96.7%;  Score 348;  DB 1;  Length 73;
  Best Local Similarity   97.1%;  Pred. No. 6.4e-37;
  Matches   67;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
           |||||||||||||||||||| ||||||||||||||||||||||||||||||||||||||
Db       5 TELRCQCLQTLQGIHLKNIQSVNVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 64

Qy      61 KMLKNGKSN 69
           || ||||||
Db      65 KMEKNGKSN 73


RESULT  15
US-07-778-413E-18
; Sequence 18, Application US/07778413E
; Patent No. 5401651
;  GENERAL INFORMATION:
;    APPLICANT:  Walz, Alfred
;    TITLE OF INVENTION:  No. 5401651el Neutrophil
;    TITLE OF INVENTION:  Activating Factors
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;    · ADDRESSEE:  Amgen Inc.
;      STREET:  Amgen Center
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.5 in., DS, 2.0 MB
;      COMPUTER:  Apple Macintosh
;      OPERATING SYSTEM:  Macintosh OS 7.0
;      SOFTWARE:  Microsoft Word Version 5.1a
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/778,413E
;      FILING DATE:  16-OCT-1991
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Cook, Robert R.
;      REGISTRATION NUMBER:  31602
;      REFERENCE/DOCKET NUMBER:  A-204
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (805) 499-5725 EXTENSION 4955
;      TELEFAX:  (805) 499-8011
;  INFORMATION FOR SEQ ID NO:  18:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  73 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-07-778-413E-18


  Query Match             89.7%;  Score 323;  DB 1;  Length 73;
  Best Local Similarity   89.9%;  Pred. No. 9e-34;
  Matches   62;  Conservative    3;  Mismatches    4;  Indels    0;  Gaps    0;

Qy       1 TELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNGQKACLNPASPMVKKIIE 60
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Db       5 TELRCQCLQTLQGIHPKNIQSVNVKSPGPHCAQTEVIATLKNGRKACLNPASPIVKKIIE 64

Qy      61 KMLKNGKSN 69
           ||| : |||
Db      65 KMLNSDKSN 73


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